



2017 Conference

November 13-16, Sonoma Wine Country, California

The Spirit of Collaboration

The Spirit of Collaboration 2017 Conference Table of Contents

GENERAL INFORMATION

- Meeting Schedule
- Sponsorship Information
- Meeting Room Locations
- PMI Board of Directors
- PMI Strategic Advisory Council (SAC)
- PMI Staff and Consultants
- List of Member Companies
- Future Annual PMI Conference
- PMI Antitrust Policy Statement
- PMI's Vision and Mission Statements
- PMI Strategy Map
- PMI Strategy Statement
- PMI Elevator Speech on Water Efficiency
- Index of Industry Acronyms
- Past Leadership of PMI and PBI

SPEAKER INFORMATION SECTION

Contains Biographies of Each Speaker

TUESDAY A.M. SECTION

Contains Agendas and Supporting Materials for the Following Meetings:
Doc Hendley
Water Efficiency and Sustainability Issue Committee Meeting
Research Update by John Koeller and Mary Ann Dickinson

TUESDAY P.M. SECTION

Contains Agendas and Supporting Materials for the Following Meetings:
Commerce Committee Meeting
Research Update by Dr. Paul Sturman

WEDNESDAY A.M. SECTION

Contains Agendas and Supporting Materials for the Following Meetings:
Bruce Vincent
Dual Tracks:

- Technical Committee Track
- Outreach/Communications Track

WEDNESDAY P.M. SECTION

Contains Agendas and Supporting Materials for the Following Meetings:
Reports from Dual Track Sessions
Allied Member Committee Meeting
General Membership Meeting

THURSDAY A.M. SECTION

Contains Agendas and Supporting Materials for the Following Meetings:
CEC Update by Commissioner Andrew McAllister
Advocacy/Government Affairs Committee Meeting

A Note from the PMI Board of Directors:

All meeting times listed throughout this book are approximate and subject to change. Meetings on Tuesday, Wednesday and Thursday will be run consecutively, and while PMI will post any revisions to the published schedule each day on the easel outside of the meeting rooms, it is your responsibility to monitor the times and progress of meetings. **Please note the Wednesday morning sessions run in parallel tracks beginning at 9:30 a.m. Choose the Technical or the Outreach/Communications Committee. The groups will merge back together on Wednesday afternoon.**

PMI 2017 Conference Schedule

Monday, November 13

| | |
|--------------------|---|
| 1:00 pm - 5:00 pm | PMI Board of Directors Meeting (Invitation only) |
| 3:00 pm - 5:00 pm | Meeting Registration |
| 5:30 pm - 6:00 pm | VIP/First-Time Attendee Reception (Invitation only) |
| 6:00 pm - 7:00 pm | Welcome Reception (All attendees) |
| 7:00 pm - 10:00 pm | President's Dinner honoring Barbara C. Higgins (All attendees) |

Tuesday, November 14

| | |
|---------------------|---|
| 8:30 am - 9:00 am | Opening Remarks |
| 9:00 am - 10:00 am | Keynote: Doc Hendley , <i>Wine to Water</i> |
| 10:00 am - 10:20 am | Networking Break and Exhibits |
| 10:20 am - 11:20 am | Water Efficiency and Sustainability Issue Committee Meeting with Bill Wilson , environmental consultant, CleanBlu Corporation |
| 11:20 am - 12:20 pm | Research Update: John Koeller , principal, Maximum Performance (MaP) Testing and Koeller and Company; Mary Ann Dickinson , president and CEO, Alliance for Water Efficiency |
| 12:20 pm - 1:30 pm | Lunch, Exhibits, Networking and Free Time |
| 1:30 pm - 2:30 pm | Commerce Committee Meeting: Salim Bhabhrawala , senior international trade specialist, U.S. Department of Commerce (DOC); Yvonne Orgill , chief executive, Bathroom Manufacturers Association (BMA) |
| 2:30 pm - 3:30 pm | Research Update: Dr. Paul Sturman , research professor and industrial coordinator, Montana State University |
| 3:30 pm | Load buses for DeLoach Vineyards Tour and Dinner |
| 4:00 pm | Leaving DoubleTree |
| 4:15 pm - 8:15 pm | DeLoach Vineyards Tour and Dinner (optional event with additional fee upon registration) |

Wednesday, November 15

| | |
|------------------------|---|
| 8:30 am - 9:30 am | Bruce Vincent , logger and advocate for responsible environmentalism |
| 9:30 am - 12:30 pm | Dual Tracks (Choose One): Technical Track: Featuring Silvio Ferrari , senior engineer, Sacramento Advocates, Inc.; Taylor Chang , water resources analyst, San Francisco Public Utilities Commission(SFPUC); Gary Klein , Gary Klein and Associates; Samil J. Abdelnour , associate, Hanson Bridgett; Ralph Suppa , president and general manager, Canadian Institute of plumbing & Heating (CIPH) |
| | OR Outreach/Communications Track: Featuring Ray Valek , president, Valek and Company Communications; Veronica Blette , chief, WaterSense Branch, U.S. Environmental Protection Agency (EPA), Office of Wastewater Management |
| 12:30 p.m. - 2:00 p.m. | Lunch, Exhibits, Networking and Free Time |
| 2:00 pm - 2:15 pm | Dual Track Report |
| 2:15 pm - 3:15 pm | Allied Member Committee Meeting |
| 3:15 pm - 3:35 pm | Networking Break and Exhibits |
| 3:35 pm - 5:00 pm | General Membership Meeting |
| 6:00 pm - 7:00 pm | Cocktail Reception and Exhibits |
| 7:00 pm - 9:00 pm | PMI Dinner |

Thursday, November 16

| | |
|---------------------|--|
| 9:00 am - 10:00 am | CED Update: Commissioner Andrew McAllister , of the California Energy Commission |
| 10:00 am - 11:30 am | Advocacy/Government Affairs Committee Meeting with PMI government affairs consultants Stephanie Salmon (Washington, D.C.) and Jerry Desmond (California) |

PMI wishes to extend sincere appreciation to our sponsors:Exhibiting Sponsors (9):

- **American Society of Plumbing Engineers (ASPE)**
www.aspe.org
- **BNP Media/Supply House Times/Reeves Journal**
www.bnpmmedia.com
- **CSA Group**
www.csa.ca
- **Global OEM Corporation**
www.techoem.com
- **NSF International**
www.nsf.org
- **TMB/Plumbing Engineer Magazine**
www.tmbpublishing.com
- **World Vision**
www.worldvision.org

Event Sponsors (7):

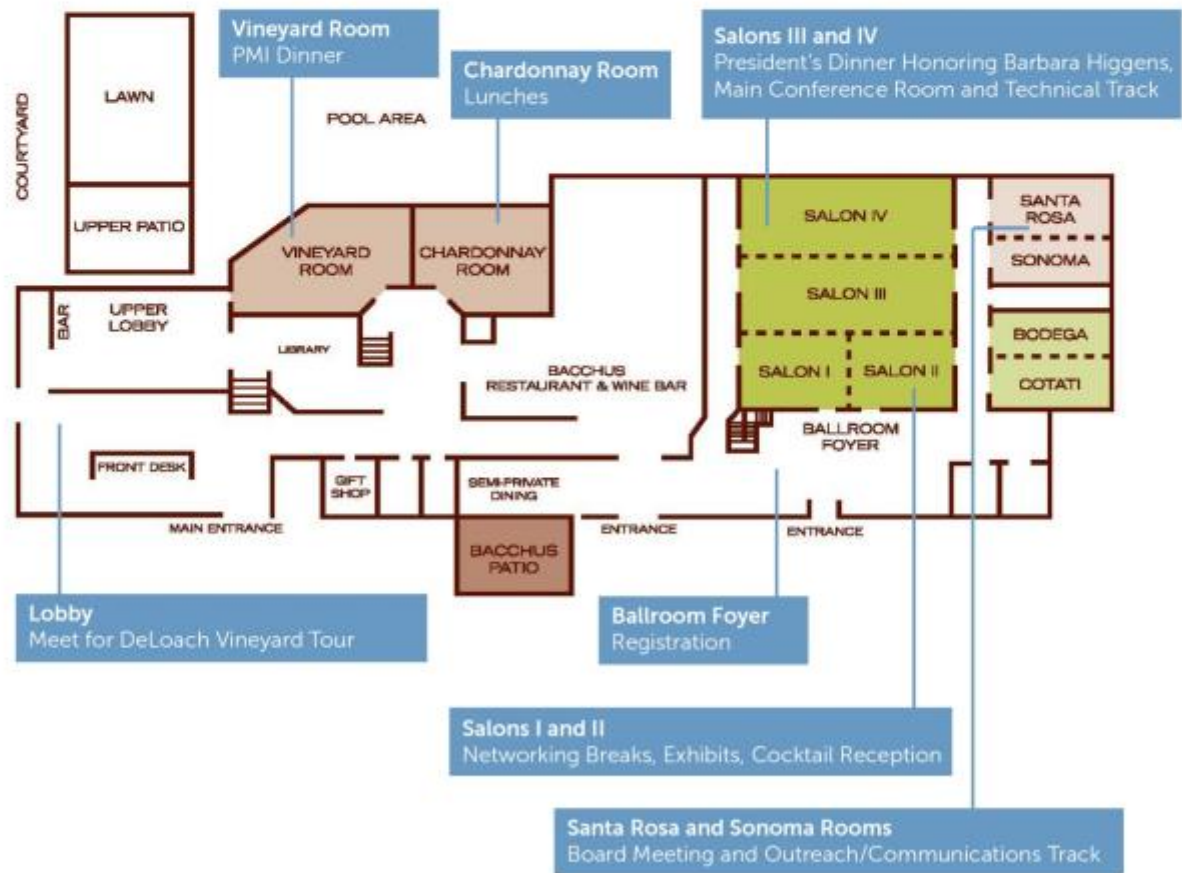
- **Bradley Corporation**
www.bradleycorp.com
(Silver Sponsor - Dinner Honoring Barbara Higgens)
- **Delta Faucet Company**
www.deltafaucet.com
(Silver Sponsor - Dinner Honoring Barbara Higgens)
- **International Association of Plumbing and Mechanical Officials**
www.iapmo.org
(Badge Schedule)
- **International Code Council**
www.iccsafe.org
(Keynote Doc Hendley; Silver Sponsor – Dinner Honoring Barbara Higgens)
- **International Code Council Evaluation Services**
www.icc-es.org
(November 14 Afternoon Coffee Break; November 14 Lunch)
- **NSF International**
www.nsf.org
(November 14 Morning Coffee Break)
- **TOTO USA**
www.totousa.com
(Silver Sponsor – Dinner Honoring Barbara Higgens)
- **United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industries**
www.ua.org
(Monetary Donation)



DoubleTree by
Hilton Hotel Sonoma
Wine Country

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2017 PMI Strategic Advisory Council (SAC)

The seven-member PMI Strategic Advisory Council (SAC) is comprised of member company executives serving as an advisory body for the PMI Board of Directors. Current executives serving on the council include:

Graham Allen (1/16 – 12/17)
President and CEO, Sloan Valve Company

Cristopher Baldwin (1/17 – 12/19)
President-Kitchen and Bath Americas, Kohler Co.

Steve DeLarge (1/17 – 12/19)
CEO, LIXIL

Robert Knoll (1/17 – 12/19)
President and CEO, Speakman Company

Jai Shah (1/16 – 12/18)
President, Delta Faucet Company

William Strang (1/16 – 12/18)
President, TOTO USA

Claude Theisen (1/16 – 12/17)
President/CEO, T&S Brass and Bronze Works, Inc.

Paul Patton* (1/17 – 12/17)
Senior Manager, R & D and Regulatory Research & Development, Delta Faucet Company, and Immediate Past PMI Board President

**SAC Liaison to the PMI Board of Directors*

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LIST OF MEMBERS

MANUFACTURING MEMBER COMPANIES (30)

COMPANY

Bradley Corporation
Brasscraft Manufacturing Company
Delta Faucet Company
Dornbracht Americas, Inc.
Duravit USA, Inc.
Fisher Manufacturing Company
Fluidmaster, Inc.
Franke
Globe Union Group, Inc.
Hansgrohe, Inc.
Haws Corporation
InSinkErator
Jing Mei Industrial (USA), Inc.
Kohler Co.
Lavelle Industries, Inc.
LIXIL
LSP
Moen Incorporated
NEOPERL, Inc.
Pfister
Reliance Worldwide Corporation
Similor AG
Sloan Valve Company
Speakman Company
Symmons Industries, Inc.
T & S Brass and Bronze Works, Inc.
TOTO USA
Viega LLC
Water Pik, Inc.
WCM Industries, Inc.

ALLIED MEMBER COMPANIES (6)

COMPANY

CSA Group
Global OEM Corporation
International Association of Plumbing and Mechanical Officials (IAPMO)
International Codes Council Evaluation Services (ICC-ES)
KEROX
NSF International

NEXT ANNUAL PMI CONFERENCE

2018 PMI Conference

The Wigwam
Litchfield Park, Arizona
November 5-8, 2017

MARK YOUR CALENDAR
NOW FOR THIS
EXCITING PMI EVENT!

ANTITRUST COMPLIANCE POLICY

It is and has been the policy of Plumbing Manufacturers International and its members to strictly comply with all laws applicable to Organization activities. Because our Organization's activities involve cooperative undertakings which conceivably could be viewed critically by antitrust enforcement agencies, it is important to emphasize the unswerving commitment of our members and PMI to full compliance with federal and state antitrust laws. This statement is being distributed as a confirmation and reminder of that long-standing commitment and as a general guide to those antitrust principles which have particular significance to our activities and meetings.

This statement is not a summary of the laws applicable to trade association activity. It is intended only to highlight and emphasize the principal antitrust standards which are relevant to PMI programs. The antitrust laws are stated in general terms, and it is frequently difficult to be certain how those laws may be applied. You are, therefore, encouraged to seek the guidance of Organization Legal Counsel and your own attorneys.

Responsibility for Antitrust Compliance

PMI's structure has been fashioned and its programs are carried out in conformance with antitrust standards. Paramount responsibility for antitrust compliance which includes avoidance of even an appearance of improper activities is yours. Your corporate employer and this Organization depend on your good judgment to avoid all discussions and activities which involve improper subject matter or improper procedures. It is your responsibility to limit your discussions and activities to matters identified on the agenda. Our staff members work conscientiously to avoid subject matter or discussion which may have unintended implications, and counsel for the Organization provides guidance with regard to these matters. It is important for you to realize, however, that the competitive significance of particular conduct and communication probably is most readily evident to you, who are directly involved in the industry.

Antitrust Guides

These guides deal specifically only with the federal antitrust laws which have most direct relevance to your Organization activities; but compliance with the federal laws will normally ensure compliance with state laws. The principal relevant statutes are the Sherman Act, which is enforced primarily by the Antitrust Division of the United States Department of Justice, and the Federal Trade Commission Act, which is enforced by the Bureau of Competition of the Federal Trade Commission. Penalties for violating the antitrust laws are severe. Corporations are subject to heavy fines and injunctive decrees which can have far-ranging impact on corporate activities, and may be liable for substantial damage judgments. Individuals are subject to criminal prosecution, and may be punished by fines and imprisonment. In general, the antitrust laws seek to preserve free and open competition in the United States and in commerce with foreign countries. Competitors may not restrain competition among themselves with reference to the price, the quality or the distribution of their products, and they may not agree or act together to restrict the competitive capabilities or opportunities of other competitors, their supplies, or their customers. In all trade associations you should heed the following guidelines:

Prices

Prices, discounts or other terms of sale must never be discussed at PMI meetings.

Other Competitive Information

Communication or exchange of confidential competitive information of other kinds may also be improper, and PMI imposes safeguards to prevent inappropriate disclosures. For example, when composite statistical information is compiled and published, the Organization reports are made for proper uses and purposes only, and represent an aggregation of historical data from its members; and individual member's data is not disclosed to other members or to those outside the Organization.

ANTITRUST COMPLIANCE POLICY (cont.)

Meetings

PMI meetings are carefully structured and monitored. Agendas for all meetings are prepared, approved by legal counsel and circulated in advance. They are carefully followed at the meeting. A PMI staff member attends all PMI meetings and is responsible for preparing the minutes of each meeting. PMI legal counsel attends all Organization membership meetings, Board meetings and other Organization meetings at which sensitive issues are discussed and legal counsel reviews the minutes of all meetings. There are no informal meetings of the Organization or any of its committees. Discussion of legally sensitive matters must never occur outside of formal meetings, such as at social functions, events or otherwise.

Membership and Participation

Membership in PMI is open to all companies who meet the requirements of the Organization's Bylaws. The Organization is constantly seeking to broaden its membership base to include all industry members. Organization meetings are open to all members. Organization publications are available to all members and to non-members for a reasonable charge. Wide membership participation is sought in all PMI programs.

Public Statements

The Organization wishes to insure that its public statements such as those to federal and state government officials made on behalf of the plumbing industry as well as its press releases and public communications are accurate and complete. To this end, it is important that each Organization member insure that member information and data reported to the Organization is accurate and complete. To the extent that the member assists in developing the PMI position, the member should insure that the reported statement complies with the Organization's policy for accuracy and completeness.

Improper Appearances

Compliance with this policy involves not only the avoidance of antitrust violations, but the avoidance of any behavior which might be so construed. Communications or correspondence must never be conducted in a surreptitious manner or contain language which could be misunderstood. Copies of all Organization-related correspondence should be sent to an appropriate staff member. If any question arises about any PMI activity, you should consult your attorney, PMI staff or PMI Legal Counsel.

Conclusion

The Organization will not knowingly be a party to conduct which restricts in any way a member's freedom to make independent decisions in matters that affect competition or otherwise. You have an important responsibility to make sure that our Organization's activities conform to this standard.

Adopted May 1980

Revised and Reaffirmed September 2001

Updated with Name Change 2010

PMI's Vision:

Safe, responsible plumbing. Always.

PMI's Mission:

- To promote the water efficiency, health, safety, quality and environmental sustainability of plumbing products while maximizing consumer choice and value in a fair and open marketplace
- To provide a forum for the exchange of information and industry education
- To represent openly the members' interests and advocate for sound environmental and public health policies in the regulatory/legislative processes
- To enhance the plumbing industry's growth and expansion

Strategy Statement

World Class Technical Expertise

Continue to reinforce and enhance our leadership role in the development and promotion of codes and standards, promoting the design of safe, affordable and higher performing, water efficient products

World Class Advocacy/Government Affairs and Outreach/Communications

Proactively ensure PMI is engaged within the legislative process and the overall objectives of legislators by:

- educating the government about the jobs we create and the economic value we generate through our manufacturing processes
- promoting the value and impact of our high performance water conscious products
- working in partnership to identify new and creative ways to maximize the efficient use of water; sharing technologies to promote aggressive yet attainable emerging regulations
- advocating the conscientious replacement/modernization of aging plumbing products as they affect our infrastructure systems

With the overall purpose of making our businesses more viable within the regulatory and legislative arena, and in turn elevating our ability to effectively compete in the global marketplace with high performance products that contribute to the sustainability of the planet.

PMI Core Messages on Water Efficiency

- It's important to appreciate and not lose sight of the critical role that plumbing plays in the name of consumer health and safety.
- Lower is not automatically "better." Setting arbitrary (uninformed) flow rates may result in dangerous and unpleasant unintended consequences.
- Flow rates must be sufficient enough to enable the products to do their job and deliver effective performance for the consumer. Health and Safety is Job #1.
- PMI advocates that the entire system view be considered to maximize the efficient use of water. Consumer behavior (upgrading to efficient Water Sense labelled products and using products as they were intended), focus on the impact of aging infrastructure must be considered along with the great work manufacturers have done to deliver maximum water savings.
- PMI should always be contacted when plumbing legislation is being considered.

Revised September 2014

Index of Industry Acronyms

| | |
|--------------------|---|
| 3TG | - Tin, Tungsten, Tantalum, Gold (Dodd-Frank Act) |
| 4MS | - Four Member States (UK, France, Germany, Netherlands) |
| ABA | - Architectural Barriers Act |
| AAC | - ANSI Accreditation Committee |
| ACCA | - Air Conditioning Contractors of America |
| ACIA | - American Construction Inspectors Association |
| ADA | - Americans with Disabilities Act |
| ADAAG | - Americans with Disabilities Act Accessibility Guidelines |
| AEESP | - Association of Environmental Engineering and Science Professors |
| AGA | - American Gas Association |
| AHAM | - Association of Home Appliance Manufacturers |
| AHMA | - Association of Hardware Manufacturers Association |
| AIA | - American Institute of Architects |
| ANSI | - American National Standards Institute |
| ARCSA | - American Rainwater Catchment System Association |
| ASA | - American Supply Association |
| ASHRAE | - American Society of Heating, Refrigeration and Air-Conditioning Engineers |
| ASME | - American Society of Mechanical Engineers |
| ASPE | - American Society of Plumbing Engineers |
| ASSE | - American Society of Sanitary Engineering |
| ASTM International | - Formerly American Society of Testing and Materials |
| ARI | - Air Conditioning and Refrigeration Institute |
| AWE | - Alliance for Water Efficiency |
| AWWA | - American Water Works Association |
| BIM | - Building Information Modeling |
| BMA | - Bathroom Manufacturers Association |
| BMS | - Building Management System |
| BOCA | - Building Officials and Code Administrators International |
| BOMA | - Building Owners and Managers Association |
| BSC | - California Building Standards Commission |
| Btu | - British thermal unit |
| C ₃ | - Comprehensive Consensus Code |
| CACP | - Canadian Advisory Council on Plumbing |
| CB ECS | - Commercial Building Energy Consumption Survey |
| CCBFC | - Canadian Commission on Building and Fire Codes |
| CDA | - Copper Development Association |
| CDPH | - California Department of Public Health |
| CEC | - California Energy Commission |
| CEE | - Consortium for Energy Efficiency |
| CEIR | - Comite European de L'Industrie de La Robinetterie (European Valve Association) |
| cfm | - Cubic feet per minute |
| CFR | - Code of Federal Regulations |
| CIE | - Commission Internationale de L'Eclairage (International Commission on Illumination) |
| CIPH | - Canadian Institute of Plumbing and Heating |
| CISPI | - Cast Iron Soil Pipe Institute |
| CLCA | - California Landscape Contractors Association |

Index of Industry Acronyms (cont.)

| | |
|-----------|--|
| CSA | - Formerly Canadian Standards Association |
| CSI | - Construction Specifications Institute |
| CUWCC | - California Urban Water Conservation Council |
| DOD | - Department of Defense |
| DOE | - Department of Energy |
| DOJ | - Department of Justice |
| DOT | - Department of Transportation |
| EHS | - Environmental Health and Safety |
| EISA | - Energy Independence and Security Act |
| EMS | - Energy Management System |
| EPA | - Environmental Protection Agency |
| EPAct | - Energy Policy Act of 1992 |
| EPD | - Environmental Product Declaration |
| FHA | - Fair Housing Act |
| FHAG | - Fair Housing Accessibility Guidelines |
| FTC | - Federal Trade Commission |
| GAMA | - Gas Appliance Manufacturers Association |
| GBI | - Green Building Initiative |
| gpf | - Gallons per flush |
| gpm | - Gallons per minute |
| GPMCS | - Green Plumbing and Mechanical Code Supplement |
| GSA | - General Services Administration |
| GWP | - Global warming potential |
| GWW | - Global Water Works |
| HCD | - California Department of Housing and Community Development |
| HI | - Hydraulic Institute |
| HET | - High Efficiency Toilet |
| HEU | - High Efficiency Urinal |
| HPD | - Health Product Declaration |
| HUD | - Housing and Urban Development |
| HVAC | - Heating, ventilation, and air-conditioning |
| HVAC&R | - Heating, ventilation, air-conditioning, and refrigeration |
| IA | - Irrigation Association |
| IAEI | - International Association of Electrical Inspectors |
| IAHRE | - International Association for Hydro-Environment Engineering and Research |
| IAPMO | - International Association of Plumbing and Mechanical Officials |
| IAPMO ES | - IAPMO Evaluation Service |
| IAPMO R&T | - IAPMO Research and Testing |
| IAPMO T&S | - IAPMO Testing and Services |
| IAS | - International Accreditation Service |
| IAQ | - Indoor air quality |
| IBC | - International Building Code |
| ICBO | - International Conference of Building Officials |
| ICC | - International Code Council |
| ICC ES | - International Code Council Evaluation Service |
| IgCC | - International Green Construction Code |

Index of Industry Acronyms (cont.)

| | |
|-----------|--|
| IDPH | - Illinois Department of Public Health |
| IEC | - International Electrotechnical Commission |
| IGC | - Interim Guide Criteria by IAPMO |
| IOU | - Investor Owned Utilities |
| I-P | - Inch-pound |
| IPC | - International Plumbing Code |
| IRC | - International Residential Code |
| IRIS | - Integrated Risk Information System |
| IS | - Installation Standards by IAPMO |
| ISO | - International Organization of Standardization |
| IWA | - International Water Association |
| KCMA | - Kitchen Cabinet Manufacturers Association |
| kWh | - Kilowatt-hour |
| L | - Liter |
| LADBS | - Los Angeles Department of Building Services |
| LCA | - Life Cycle Assessment |
| LCCA | - Lead Contamination Control Act |
| LCI | - Life Cycle Inventory |
| LCR | - Lead and Copper Rule |
| LEED | - Leadership in Energy and Environmental Design |
| MAPMO | - Minnesota Association of Plumbing and Mechanical Officials |
| MCAA | - Mechanical Contractors Association of America |
| MCAC | - Mechanical Contractors Association of Canada |
| MSS | - Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. |
| NAA | - National Apartment Association |
| NAECA | - National Appliance Energy Conservation Act |
| NAHB | - National Association of Home Builders |
| NAM | - National Association of Manufacturers |
| NCHI | - National Council of the Housing Industry (Division of NAHB) |
| NCSBCS | - National Conference of States on Building Codes and Standards |
| NES | - National Evaluation Service |
| NFPA | - National Fire Protection Association |
| NIST | - National Institute of Standards and Technology |
| NKBA | - National Kitchen and Bath Association |
| NMHC | - National Multi Housing Council |
| NMHCSS | - National Manufactured Housing Construction and Safety Standards |
| NOI | - Notice of Intent |
| NPC | - National Plumbing Code |
| NPCC | - National Plumbing Code of Canada |
| NPGA | - National Propane Gas Association |
| NRC | - National Research Council Canada |
| NRDC | - Natural Resources Defense Council |
| NSF Int'l | - Formerly National Sanitation Foundation |
| NSC | - National Safety Council |
| NSPC | - National Standard Plumbing Code |
| NTTA | - National Technology Transfer and Advancement Act |

Index of Industry Acronyms (cont.)

| | |
|--------|--|
| OMB | - Office of Management and Budget |
| OSHA | - Occupational Safety and Health Administration |
| PBI | - Plumbing Brass Institute (former name of PMI) |
| PBV | - Pressure Balancing Valve |
| PCR | - Product Category Rules |
| PDI | - Plumbing Drainage Institute |
| PEL | - Permissible Exposure Limits |
| PERC | - Plumbing Efficiency Research Coalition |
| PEX | - Cross-linked Polyethylene |
| PHCC | - Plumbing-Heating-Cooling Contractors-National Association |
| PIAC | - Plumbing Industry Advisory Council |
| PILC | - Plumbing Industry Leadership Coalition |
| PMI | - Plumbing Manufacturers International |
| PPIG | - Plumbing Products International Group |
| PPFA | - Plastic Pipe and Fittings Association |
| ppb | - Parts per billion |
| ppm | - Parts per million |
| PS | - Property Standards by IAPMO |
| RBQ | - Régie du bâtiment du Québec (Building Code Board) |
| RPA | - Radiant Panel Association |
| RPM | - Revolutions per minute |
| RSES | - Refrigeration Service Engineers Society |
| SBCCI | - Southern Building Code Congress International |
| SCAQMD | - South Coast Air Quality Management District |
| SCBPS | - Standing Committee on Building and Plumbing Services |
| SCC | - Standards Council of Canada |
| SDO | - Standards Development Organization |
| SDWA | - Safe Drinking Water Act |
| SME | - Subject Matter Expert |
| SPC | - Standard Plumbing Code |
| TCEQ | - Texas Commission on Environmental Quality (formerly TNRCC) |
| TIL | - Technical Information Letter (CSA) |
| TXV | - Thermal Expansion Valve |
| UA | - Union Association of Plumbers and Pipefitters |
| UCA | - Universal Conformity Assessment |
| UFC | - Uniform Fire Code |
| UL | - Underwriters Laboratories |
| UMC | - Uniform Mechanical Code |
| UPC | - Uniform Plumbing Code |
| U.S.C. | - United States Code |
| USDA | - United States Department of Agriculture |
| USDOE | - United States Department of Energy |
| USEPA | - United States Environmental Protection Agency |
| USFEMA | - United States Federal Emergency Management Agency |
| USGBC | - United States Green Building Council |
| USGSA | - United States General Services Administration |

Index of Industry Acronyms (cont.)

| | |
|----------|--|
| UUT | - Unit under test |
| VDMA | - German Valve Association |
| VOC | - Volatile organic compound |
| VoW | - Value of Water Coalition |
| WE-Stand | - IAPMO's Water Efficiency and Sanitation Standard |
| WEF | - Water Environment Foundation |
| WERF | - Water Environment Research Foundation |
| WFCA | - Western Fire Chiefs Association |
| WPC | - World Plumbing Council |
| WQA | - Water Quality Association |
| WRAS | - Water Regulations Advisory Scheme |

Revised June 2016

Past Leadership of PMI and PBI

Presidents, Plumbing Manufacturers International:

| | |
|------|--|
| 2016 | Paul Patton, Delta Faucet Company |
| 2015 | Fernando Fernandez, TOTO USA |
| 2014 | Tim Kilbane, Symmons Industries, Inc. |
| 2013 | Jeff Baldwin, T&S Brass and Bronze Works, Inc. |
| 2012 | Stewart Yang, Kohler Co. |
| 2011 | Jack Krecek, Elkay Manufacturing Company |
| 2010 | Lee Mercer, Moen Incorporated |

Presidents, Plumbing Manufacturers Institute:

| | |
|------|--|
| 2009 | Walt Strader, Pfister |
| 2008 | Rod Ward, Speakman Company |
| 2007 | Ken Martin, Delta Faucet Company |
| 2006 | Claude Theisen, T&S Brass and Bronze Works, Inc. |
| 2005 | John Lauer, Sloan Valve Company |
| 2004 | Jim Westdorp, Kohler Co. |
| 2003 | Ralph Herrbach, Cifial USA |
| 2002 | Todd Talbot, Brasscraft Manufacturing Company |
| 2001 | Frank Evans, Chicago Faucet Company |
| 2000 | Linda Mayer, Moen Incorporated |
| 1999 | Fred Luedke, NEOPERL, Inc. |

Chairmen of the Board, Plumbing Manufacturers Institute:

| | |
|------|---|
| 1998 | William O'Keeffe, Symmons Industries, Inc. |
| 1997 | Gary Turner, Teledyne Water Pik |
| 1996 | Alan Lougee, Chicago Faucet Company |
| 1995 | Patrick Kelly, Haws Corporation |
| 1994 | Alan Barry, Brasscraft/Masco |
| 1993 | William Seal, Fort Recovery Industries, Inc. |
| 1992 | James McNeany, Gerber Plumbing Fixtures Corporation |
| 1991 | Joseph Woodford, WCM |
| 1990 | Craig Selover, Delta Faucet Company |
| 1989 | Richard Chandler, Central Brass Manufacturing Company |
| 1988 | Richard Swiers, Chicago Faucet Company |
| 1987 | Claus Ziegler, Interbath |
| 1986 | Delwin Renfroe, U.S. Brass |
| 1985 | Dirck Barhydt, WPM |

Past Leadership of PMI and PBI (cont.)**Presidents, Plumbing Manufacturers Institute:**

| | |
|------|--|
| 1984 | Fred Schmuck, Fluidmaster |
| 1983 | Raymond Kennedy, Delta Faucet Company/Masco |
| 1982 | Bruce Barlow, C S & B |
| 1981 | Peter Warshaw, Speakman Company |
| 1980 | Len Andrus, Brasscraft Manufacturing Company |
| 1979 | Art Perlet, Garvin, Division of RHW |
| 1978 | Edward Leutheuser, Alsons Corporation |
| 1977 | George Theisen, T&S Brass and Bronze Works, Inc. |
| 1976 | George Theisen, T&S Brass and Bronze Works, Inc. |

Presidents, Plumbing Brass Institute:

| | |
|------|---------------------------------------|
| 1975 | Warren Fisher, Guarantee Specialty |
| 1974 | Everett Wilcox, Leonard Valve Company |
| 1973 | Harry Lipman, Jameco Industries |
| 1972 | Howard Griesbach, Powers Regulator |
| 1971 | Roger Milroy, Lee Brothers Co. |
| 1970 | Willard Denham, Speakman Company |
| 1969 | Walter Miller, Union Brass & Mfg. Co. |

SPEAKER INFORMATION

Date: *Wednesday, November 15, 2017*
Event: *Technical Track*
“CA Proposition 65: Regulation and Reality”
Time: *9:30 am – 12:30 pm*

Samir Abdelnour
Associate
Hanson Bridgett
Phone: 415 995 5869
SAbdelnour@hansonbridgett.com

Samir Abdelnour is an associate at Hanson Bridgett.

Mr. Abdelnour’s practice focuses on environmental litigation and counseling. He routinely advises and represents Fortune 500 companies, small businesses, public agencies, and individuals in regulatory environmental compliance, environmental enforcement actions, remediation of contaminated properties, land use entitlement and permit proceedings and litigation. He has defended numerous manufacturers, distributors and retailers of consumer products in California in Proposition 65 private enforcement actions and provides ongoing counseling to assist companies in complying with new product warning regulations going into effect in 2018.

Mr. Abdelnour’s practice includes expertise in a broad range of environmental and land use laws at the federal level and in California. He also has experience litigating general commercial and business disputes.

SPEAKER INFORMATION

Date: *Tuesday, November 14, 2017*
Event: *Commerce Committee Meeting*
“Inside the Beltway: U.S. International trade Policy and the Plumbing Industry”
Time: *1:30 pm – 2:30 pm*

Salim Bhabhrawala
Senior International Trade Specialist
U.S. Department of Commerce
Phone: 202 482 1784
Salim.Bhabhrawala@trade.gov

Mr. Bhabhrawala (bhab-rah-wallah) is a senior international trade specialist in the International Trade Administration’s Office of Materials Industries at the United States Department of Commerce (DOC). He has a degree in International Economics from Michigan State University. He spent the first eight years of his career at the DOC enforcing Antidumping and Countervailing Duty laws.

Currently, Mr. Bhabhrawala is a member of the Department’s National Export Initiative Building Products Sector Strategy Team. He also works closely with the United States building materials industry as the designated federal officer for the Department’s Industry Trade Advisory Committee (ITAC) on Nonferrous Metals, Construction, and Building Materials (ITAC 9), for which Plumbing Manufacturers International (PMI) is a member. He is also the head of the U.S. Government’s delegation to the International Metals Study Groups based in Lisbon, Portugal.

When Mr. Bhabhrawala is not working, he is an avid beer connoisseur, a sports fanatic, and involved with Washington, D.C. based charities for underprivileged youth.

SPEAKER INFORMATION

Date: *Wednesday, November 15, 2017*
Event: *Outreach/Communications Track*
“Marketing WaterSense – Bathrooms and Beyond”
Time: *9:30 am – 12:30 pm*

Veronica Blette

Chief, WaterSense Branch

Office of Wastewater Management, U.S. Environmental Protection Agency (EPA)

Phone: 202 564 4094

Blette.Veronica@epa.gov

Veronica Blette manages the WaterSense program in the United States Environmental Protection Agency’s (EPA) Office of Water.

Prior to Ms. Blette’s current position, she served as special assistant to the director of the National Drinking Water Program and led the EPA’s Drinking Water Infrastructure Financing Program.

Before joining the EPA in 1997, Ms. Blette worked in the academic research and environmental consulting fields on projects investigating the effects of atmospheric deposition on soils and water quality. She has a Bachelor of Arts in Geology from Smith College and a Master of Science in Geology from the University of Massachusetts at Amherst.

SPEAKER INFORMATION

Date: Wednesday, November 15, 2017
Event: Technical Track
"San Francisco's Non-potable Water Program"
Time: 9:30 am – 12:30 pm

Taylor Chang

Water Resources Analyst
San Francisco Public Utilities Commission (SFPUC)
Phone: 415 551 4734
Tachang@sfgwater.org

Taylor Chang is a water resources analyst for the San Francisco Public Utilities Commission (SFPUC). She works on San Francisco's Non-potable Water Program by providing technical assistance to projects that are installing onsite non-potable water systems and administering the SFPUC's Grant Assistance Program.

Ms. Chang is also working with the National Blue Ribbon Commission to advance the field of onsite reuse by providing policy and technical support.

SPEAKER INFORMATION

Date: *Thursday, November 16, 2017*
Event: *Advocacy/Government Affairs Committee Meeting*
“PMI California Update”
Time: *10:00 am – 11:30 am*

Jerry Desmond

Plumbing Manufacturers International (PMI) Government Relations Consultant,
California Office
Desmond & Desmond LLC
Phone: 916 441 4166
jerry@desmondlobbyfirm.com

Jerry Desmond has served as Plumbing Manufacturers International's (PMI) California government relations consultant since 2006. Mr. Desmond engages with the legislative and executive branches of state government, advocating PMI's positions and interests on legislation and regulations. He is a legislative advocate and lawyer with his firm Desmond & Desmond LLC. The firm represents the interests of trade associations, businesses and public entities throughout California. Mr. Desmond's in-depth knowledge of his clients' interests, his legal and advocacy skills with respect to laws and legislation pertaining to his clients' issues, his strategic advice and his professional manner, have earned him the respect and relationships that bring success in the Capitol.

Mr. Desmond provides comprehensive governmental advocacy services. These include his analysis of legislation and regulations, as well as the development of legislative and public policy solutions to best serve the interests of his clients. He represents his clients in hearings and meetings with the Governor's Office, the legislature and their staff, state agencies, boards, commissions and legislative bodies.

In addition to lobbying, Mr. Desmond has significant expertise in political and nonprofit law. He has addressed numerous professional associations and public entities on California politics, laws and legislation.

Mr. Desmond joined the firm in 1982 upon earning his law degree from the University of the Pacific, McGeorge School of Law. He became a legislative advocate in 1985. Mr. Desmond is a member of the State Bar of California and the Institute of Governmental Advocates.

SPEAKER INFORMATION

Date: *Tuesday, November 14, 2017*
Event: *Research Update*
“PMI/AWE’s Saturation Study of Non-Efficient Water Closets in Key States”
Time: *11:20 am – 12:20 pm*

Mary Ann Dickinson

President and Chief Executive Officer
Alliance for Water Efficiency (AWE)
Phone: 773 360 5100
maryann@a4we.org

Mary Ann Dickinson is the president and chief executive officer (CEO) of the Alliance for Water Efficiency (AWE), a non-profit organization dedicated to promoting the efficient and sustainable use of water in the United States and Canada. Headquartered in Chicago, the AWE works with nearly 400 water utilities, water conservation professionals in business and industry, planners, regulators, and consumers. In 2014 the AWE won the United States Water Prize in the non-profit category for its work.

Prior to joining the AWE in July of 2007, Ms. Dickinson was the executive director of the California Urban Water Conservation Council (CUWCC), a non-profit organization composed of urban water supply agencies, environmental groups, and other entities managing statewide water conservation in California and implementing the nation’s first set of Best Management Practices.

Ms. Dickinson has over 40 years of experience, having worked at the Metropolitan Water District (MWD) of Southern California, the South Central Connecticut Regional Water Authority (SCCRWA), and the Connecticut Department of Environmental Protection (CTDEP). A graduate of the University of Connecticut with a degree in environmental planning, she has authored numerous publications on water conservation, land use planning, and natural resources management, and has co-produced two films which have aired on public television and community cable stations. Ms. Dickinson is past chair of the Efficient Urban Water Management Specialist Group for the International Water Association (IWA), past chair of the American Water Works Association (AWWA) National Water Conservation Division, past president of the California Irrigation Institute, past president of the Lake Arrowhead Community Services District (LACSD), and currently serves as a Board member of the Green Building Initiative (GBI) and the Texas Water Foundation.

Ms. Dickinson has presented numerous papers on water conservation internationally and across the United States and Canada.

SPEAKER INFORMATION

Date: *Wednesday, November 15, 2017*
Event: *Technical Track*
“CALGreen and Where Water Conservation is Going in CA”
Time: *9:30 am – 12:30 pm*

Silvio Ferrari
Senior Engineer
Sacramento Advocates, Inc.
Phone: 916 448 1222
ferrari@sacramentoadvocates.com

Silvio Ferrari is a lobbyist for Sacramento Advocates, Inc. Established in 1990, Sacramento Advocates, Inc. is one of the most prominent governmental relations firms in California.

Prior to joining Sacramento Advocates Inc., Mr. Ferrari spent seven years with the California Building Industry Association (CBIA). Mr. Ferrari held several positions with the CBIA, but he most recently served as the vice president where he was responsible to oversee all aspects of the CBIA's legislative and regulatory priorities and strategy. In this capacity, Mr. Ferrari was responsible for issue areas that included local government, transportation, water, land use, affordable housing, school facilities, Americans with Disabilities Act (ADA), energy, natural resources, green building, and renewable generation and storage, just to name a few.

Prior to joining the CBIA, Mr. Ferrari worked for both public and private land developers and builders overseeing dozens of projects including the development and construction of Federal Express Ground's West Sacramento facility, a one-hundred thousand square foot Jacmar Foods distribution facility, the relocation of International Paper's facility, and hundreds of residential homes for one of the nation's leading single family and multi-family builders.

Mr. Ferrari has a Master of Science in green building, a Bachelor of Science in civil and structural engineering from University of California, Davis, is a Leadership in Energy and Environmental Design (LEED) accredited professional, and holds a certificate in Green Building and Sustainable Design.

SPEAKER INFORMATION

Date: *Tuesday, November 14, 2017*
Event: *Keynote*
Time: *9:00 am – 10:00 am*

Doc Hendley
Keynote Speaker
Wine to Water
Phone: 828 355 9655
doc@winetowater.org

Doc Hendley calls himself proof that anyone, even a “tattooed keg-tapper”, can cure what ails the world.

Mr. Hendley is the epitome of the individual who has made a difference. Tens of thousands of people around the world have clean drinking water they did not have before an idea popped into the head of this “tattooed keg-tapper” musician’s head. Mr. Hendley realized that just by using his ability to tend bar and create relationships with people, he might be able to help the problem. At the bars where he worked, he started raising money to fight this water epidemic the best way he knew how, by pouring wine and playing music.

Mr. Hendley has taken personal risks to do the hard work of providing water and clean water education in far flung locations around the globe. He worked in dozens of refugee camps installing water systems for victims of Darfur’s government supported genocide. Often inside the United Nations’ dangerous “no-go” zones, he distributed water or chlorine tablets to people with only plastic sheeting for shelter.

Mr. Hendley was named one of the Top 10 CNN Heroes for 2009 (chosen from over 9,000 applicants by a panel of judges including General Colin Powell, Whoopi Goldberg, Ted Turner and Sir Elton John).

Today Mr. Hendley’s Wine to Water foundation aims to help the 1.1 billion people worldwide who lack access to clean water. By using wine events to raise money and awareness about the lack of clean drinking water in the developing world, Mr. Hendley has harnessed a powerful social force and multiplied the generosity of many.

Mr. Hendley did not dream of dedicating his life to humanitarian efforts in developing countries. Far from it, in fact. He graduated from North Carolina State University with a communications degree he wasn’t sure how to use. While bartending to pay the bills, he noticed the men and women sitting on the stools seemed to want to be part of something bigger. The 30-year-old Mr. Hendley got inspired behind the bar, and today his nonprofit group, Wine to Water, has dug, repaired and sanitized drinking wells for 25,000 people in five Third World countries. It’s an idea that started with wine tastings and a humble donation jar.

SPEAKER INFORMATION

Date: Wednesday, November 15, 2017
Event: Technical Track
“How Low Can We Go: How Close Can We Get? – The Intended and Unintended Consequences of Water Use Efficiency”
Time: 9:30 am – 12:30 pm

Gary Klein

President

Gary Klein & Associates, Inc.

Phone: 916 549 7080

Gary@GaryKleinAssociates.com

Gary Klein is president of Gary Klein & Associates, Inc. and has been intimately involved in energy efficiency and renewable energy since 1974. One fifth of his career was spent in the Kingdom of Lesotho, the rest in the United States.

Mr. Klein has a passion for hot water: getting into it, getting out of it and efficiently delivering it to meet customer's needs. After serving 19 years with the California Energy Commission (CEC), he has provided consulting on sustainability since 2008, with an emphasis on the water-energy-carbon connection.

Mr. Klein received a Bachelor of Arts from Cornell University in 1975 with an Independent Major in Technology and Society with an emphasis on energy conservation and renewable energy.

The International Association of Plumber and Mechanical Officials (IAPMO) recognized Mr. Klein's efforts in 2014 presenting him their Green Professional of the Year award. In 2015 the Department of Energy (DOE) awarded Mr. Klein the Jeffrey A. Johnson Award for Excellence in in the Advancement of Building Energy Codes.

SPEAKER INFORMATION

Date: *Tuesday, November 14, 2017*
Event: *Research Update*
“PMI/AWE’s Saturation Study of Non-Efficient Water Closets in Key States”
Time: *11:20 am – 12:20 pm*

John Koeller

Principal

Koeller & Company

Phone: 714 777 2744

jkoeller@map-testing.com

John Koeller is principal of Koeller & Company, based in California, and has been providing engineering and environmental consulting services since 1973. He is a registered professional engineer with extensive experience in and primary focus on water-efficient technologies and products. Internationally recognized as a specialist in these fields, Mr. Koeller is a consultant to various North American water authorities and private sector firms.

Mr. Koeller is currently a member of seven different American National Standards Institute (ANSI) U.S. national plumbing standards committees under the umbrella of American Society of Mechanical Engineers (ASME), Canadian Standards Association (CSA), and International Association of Plumbing and Mechanical Officials (IAPMO), where he represents the water utilities’ efficiency interests. For Canada, he is a member of the CSA B45 and B125 technical committees responsible for developing product plumbing standards for that country.

Mr. Koeller is a technical advisor to the International Alliance for Water Efficiency (AWE) based in Chicago, past technical advisor to the California Urban Water Conservation Council (CUWCC), and an advisor-consultant to the U.S. Environmental Protection Agency’s (EPA) WaterSense program and other green building programs and initiatives. He is also the co-developer of the Uniform North American Requirements (UNAR) for toilet fixtures and of the Maximum Performance (MaP) testing for toilet fixtures and other products.

Mr. Koeller is the past vice-chair of the LEED Water Efficiency Technical Advisory Group for the U.S. Green Building Council (USGBC) and has also been a committee member for several green building codes and standards: ASHRAE SS189.1 for high-performance buildings, ASHRAE S191P on water efficiency (current Vice-Chair), the Green Globes – Green Building Initiative, and the IAPMO Green Plumbing and Mechanical Code Supplement. Prior to his decision to specialize in water use efficiency in 1993, Mr. Koeller spent 20 years conducting over 200 major environmental impact studies.

SPEAKER INFORMATION

Date: Wednesday, November 15, 2017
Event: Allied Committee Meeting
“CSA Group Business Overview”
Time: 2:15 pm – 3:15 pm

Todd Lumpkin

Global Business Director, Plumbing & Construction and Appliances & Gas
CSA Group
Phone: 216 524 4990 ext. 88149
todd.lumpkin@csagroup.org

Todd Lumpkin is the global business director, plumbing & construction, and appliances & gas for CSA Group and has been in the testing and certification industry for 17 years. In his current role with CSA Group, Mr. Lumpkin is responsible for bringing exceptional service to customers and industry. In addition, he is responsible for business strategy, development, and sales and marketing execution for growth in identified market segments that include fittings, fixtures, and water quality services.

Mr. Lumpkin has a Bachelor’s degree in mechanical engineering from the University of Cincinnati and a Master’s degree in marketing, strategy, finance, and international business from the Kellogg School of Management, Northwestern University.

SPEAKER INFORMATION

Date: *Thursday, November 16, 2017*
Event: *California Energy Commission (CEC) Update*
Time: *9:00 am – 10:00 am*

Andrew McAllister
Commissioner
California Energy Commission (CEC)
Phone: 916 654 3787
Donna.Parrow@energy.ca.gov

Andrew McAllister was appointed to the California Energy Commission (CEC) by Governor Edmund G. Brown Jr. in May 2012, and re-appointed in January 2017.

Beginning in the early 1990s, Commissioner McAllister has been working on clean energy deployment and policy for his entire 25-year career. He has worked across the world to develop renewable energy generation, energy efficiency investments, and energy management systems, with counterparts ranging from tiny remote communities to the largest of utilities. Commissioner McAllister administered two of California's signature renewable energy programs (California Solar Initiative (CSI) and Self-Generation Incentive Program (SGIP)), developed and operated energy efficiency programs for utilities, and performed a broad range of policy-related research for California and the United States Federal government. He currently serves on the board of directors of the National Association of State Energy Officials (NASEO) and the Alliance to Save Energy (ALLSE).

Commissioner McAllister's deep grounding in technology, policy and marketplace provides him with uncommon insight on the accelerating changes taking place in the electric power sector.

Before joining the CEC, Commissioner McAllister was managing director at the California Center for Sustainable Energy (CCSE), where he worked for six years. Previously, he worked with National Rural Electric Cooperative Association (NRECA) International, Ltd. in the electric sectors of countries in Central and South America, Southeast Asia and Africa on a variety of renewable generation, load management, utility planning and remote power projects. He was a project manager at an energy consulting firm and worked as an energy efficiency analyst at Lawrence Berkeley National Laboratory.

Commissioner McAllister holds Master of Science and Doctor of Philosophy degrees from the Energy and Resources Group at the University of California, Berkeley. In addition, Commissioner McAllister is a Returned Peace Corps Volunteer.

SPEAKER INFORMATION

Date: Wednesday, November 15, 2017
Event: Allied Committee Meeting
“IAPMO Group – 90 Years of Industry Dedication”
Time: 2:15 pm – 3:15 pm

Lee Mercer

Executive Vice President, Industry Relations and Business Development
International Association of Plumbing and Mechanical Officials(IAPMO)
Phone: 330 483 1983
lee.mercer@iapmo.org

Lee Mercer has 34 years of comprehensive experience in the plumbing industry in both the product manufacturing and non-government organization sectors.

Mr. Mercer joined International Association of Plumbing and Mechanical Officials (IAPMO) in 2014 and is currently the executive vice president of industry relations and business development. Prior to joining the IAPMO Group, Mr. Mercer had a 30-year career at Moen Incorporated working in product design and development and as the director of product compliance.

Mr. Mercer is a past and present member of numerous plumbing product standard committees with American Society of Mechanical Engineers (ASME), American Association of Sanitary Engineering (ASSE), Canadian Standards Association (CSA), National Sanitation Foundation (NSF) and IAPMO. He has been active in Plumbing Manufacturers International (PMI) for 20 years as a committee chair, member of the board of directors and served as PMI board president in 2010.

SPEAKER INFORMATION

Date: Wednesday, November 15, 2017
Event: Allied Committee Meeting
"Building Product Evaluation & Certification"
Time: 2:15 pm – 3:15 pm

Shahin Moinian, P.E.

President

International Code Council Evaluation Services (ICC-ES)

Phone: 888 422 7233

smoinian@icc-es.org

Shahin Moinian is the president of International Code Council Evaluation Service (ICC-ES). He joined ICC-ES as the executive director, ICC-ES certification programs in August 2010. He oversees all product evaluation/certification activities within ICC-ES. The current ICC-ES programs include building, plumbing, mechanical, fuel gas, swimming pool and spas, private sewage disposals, and other related products.

Mr. Moinian started his career as a project engineer at a spa manufacturing company designing products and components. He thereafter joined a listing agency as an assistant director and eventually the director of research. Mr. Moinian then moved to Ohio and worked as the director of codes and standards for Moen Incorporated. He returned to California after five years and worked in a listing agency as the head of the subsidiary. He oversaw the global certification activities which included business planning and execution, certification activities, sales and marketing activities, management registration program, standards department and the laboratory recognition program. Mr. Moinian has also taught mechanical engineering courses as an adjunct professor at California State University.

Mr. Moinian is a licensed mechanical engineer (California and Ohio) with a Master of Engineering in mechanical engineering from Cal-Poly, Pomona.

SPEAKER INFORMATION

Date: *Tuesday, November 14, 2017*
Event: *Commerce Committee Meeting*
“To Deal or Not to Deal – That is the Question?”
Time: *1:30 pm – 2:30 pm*

Yvonne Orgill
Chief Executive
Bathroom Manufacturers Association (BMA)
Phone: +44 1782 631619
Yvonne.orgill@bathroom-association.org.uk

Yvonne Orgill has been with the Bathroom Manufacturers Association (BMA) since 1986 and promoted to chief executive (CEO) in 2006, having enjoyed a varied career at the BMA covering all aspects.

Ms. Orgill sits on many committees in varying capacities from representative to Board member, across the United Kingdom (UK) and European forums associated with the bathroom and home improvement sector. She regularly communicates with the UK Government and the European Commission on industry issues and firmly believes that compromise and solution finding are key to forming a credible and trustworthy relationship with Governments.

Since Ms. Orgill’s appointment as CEO, the BMA has gone from strength to strength and is respected as ‘The Voice of the UK Bathroom Industry’, with over 100 well recognised bathroom brands, print and digital media and computer aided design providers. Ms. Orgill is a pivotal player in the development of the Water Label, now accepted as the key labelling scheme for water using bathroom products across Europe. An idea that she has developed and implemented over 12 years is now supported by 132 major manufacturers with a database of over 10,000 products who sell products within the European Union.

Ms. Orgill firmly believes in partnerships across the globe to help the wider Industry achieves its goal. Her current campaign is to improve knowledge and understanding of the need for compliant products and greater market surveillance in the market place, allowing all to compete on a level playing field.

During her career Ms. Orgill has been awarded many prestigious industry awards for her outstanding contribution to the kitchen and bathroom Industry.

SPEAKER INFORMATION

Date: Wednesday, November 15, 2017
Event: Allied Committee Meeting
“Overview of NSF International”
Time: 2:15 pm – 3:15 pm

Dave Purkiss

General Manager, Plumbing Products Certification Division
NSF International
Phone: 734 827 6855
purkiss@nsf.org

Dave Purkiss is general manager of the Plumbing Products Certification Division at NSF International. Mr. Purkiss has worked for NSF International for 30 years, including four years as managing director of WRc-NSF in the United Kingdom.

Mr. Purkiss holds a Bachelor of Science in Biochemistry from Michigan State University and is chair of the American Water Works Association (AWWA) Polyelectrolytes Standards Committee, as well as the AWWA Utility Quality Management Committee.

SPEAKER INFORMATION

Date: *Thursday, November 16, 2017*
Event: *Advocacy/Government Affairs Committee Meeting*
“Washington Update: Key Issues Impacting Plumbing Manufacturers”
Time: *10:00 am – 11:30 am*

Stephanie Salmon

Plumbing Manufacturers International (PMI) Government Relations Consultant,
Washington D.C.
President – Potomac Government Relations
Phone: 202 452 735
ssalmondc@gmail.com

Stephanie Salmon is president of Potomac Government Relations, a government affairs and public policy firm located on Capitol Hill in Washington, D.C. She has over 25 years of government relations experience and works with clients to represent their priorities before the Congress, the Executive Branch and regulatory agencies on issue areas such as environment, water, trade, energy, workforce, tax, and appropriations. She also prepares written comments for clients in rulemakings before federal agencies, as well as testimony and other communications with Congress.

Before starting her firm in 2013, she was vice president of government relations at a government relations firm for three years where she provided strategic advice, government relations and issue management services for three manufacturing trade associations.

From 1998 until June 2010, Ms. Salmon served in a variety of positions for the Washington, D.C.-based government affairs firm of Waterman & Associates, including vice president of government affairs. She oversaw the advocacy services for several metalworking-related associations.

Ms. Salmon is a member of the Ripon Society, Women in Government Relations, and serves on a number of National Association of Manufacturers' (NAM) policy committees. Ms. Salmon graduated from the American University, where she studied International Affairs, with a concentration in economics and business. A native of Cincinnati, Ohio, Ms. Salmon resides in Arlington, VA with her husband and three children.

SPEAKER INFORMATION

Date: *Tuesday, November 14, 2017*
Event: *Research Update*
“Biofilm Responses to Fluid Shear in Water and Plumbing Systems”
Time: *2:30 pm – 3:30 pm*

Paul Sturman, Ph.D., P.E.
Industrial Coordinator
Center for Biofilm Engineering (CBE)
Phone: 406 994 2102
paul_s@biofilm.montana.edu

Paul Sturman is the industrial coordinator and research professor at the Center for Biofilm Engineering (CBE), a position he has held since 2000. The CBE is recognized internationally as the leading academic institution for interdisciplinary biofilm research and technology transfer. In addition to fundamental research, the CBE’s mission supports applied research in the areas of industrial, medical, and environmental biofilms. The CBE has a robust industrial partnership program wherein over 30 industrial companies and U.S. government entities support research and technology transfer efforts.

As industrial coordinator, Dr. Sturman works closely with Industrial Associate companies to assist adoption of biofilm-related technologies as well as organizing twice-yearly biofilm research conferences (the Montana Biofilm Meetings). Dr. Sturman maintains research interests in investigations of biofilms in industrial water systems, environmental biofilms, and the development of standardized methods for biofilm analysis.

Dr. Sturman is a registered professional engineer in Montana and regularly consults with industrial companies worldwide on problems related to biofouling and biofilm control.

SPEAKER INFORMATION

Date: *Wednesday, November 15, 2017*
Event: *Technical Track*
“Alignment Through Collaboration”
Time: *9:30 am – 12:30 pm*

Ralph Suppa
President and General Manager
Canadian Institute of Plumbing and Heating (CIPH)
Phone: 416 695 0447
r.suppa@ciph.com

Ralph Suppa has played a key role in the development of the Canadian Institute of Plumbing and Heating (CIPH) programs and services since joining the association in 1988. He has worked closely with industry members, allied North American associations and government to help establish uniformity and harmonization of codes and standards. Mr. Suppa has also been instrumental in collaborating with allied associations including Plumbing Manufacturers International (PMI), in an effort to establish memoranda of understanding (MOUs) to enhance common North American goals such as training, regulations and codes related support. He was appointed president and general manager in 2002.

During his career with CIPH, Mr. Suppa has managed key councils and committees within the organization and was instrumental for the inhouse management of the Canadian Water Quality Association (CWQA) and the Canadian Association of Pump Manufacturers (CAPM).

Mr. Suppa has also played a key role in combining Canadian trade shows as they relate to the plumbing, heating, cooling, piping and electrical the lighting industry.

A dedicated association executive, Mr. Suppa holds the certified association executive (CAE) designation from the Canadian Society of Association Executives (CSAE). He is currently vice chairman of the National Association of Wholesaler Distributors Institute (NAW) Board of Directors.

SPEAKER INFORMATION

Date: Wednesday, November 15, 2017
Event: Allied Committee Meeting
"An Introduction to KEROX"
Time: 2:15 pm – 3:15 pm

Colin Thielmann
Sales Manager
KEROX
Phone: 317 509 1011
amtsalescolin@gmail.com

Colin Thielmann is a 20 plus year survivor of the plumbing industry. Over the years he has worked for toilet manufacturers, faucet manufacturers, and OEM components suppliers to the plumbing industry.

Mr. Thielmann is currently a sales manager and has been with KEROX for three years. In his free time, he likes to camp with his wife Irene in their vintage motorhome.

SPEAKER INFORMATION

Date: *Wednesday, November 15, 2017*
Event: *Outreach/Communications Track*
“Safety Culture and Thought Leadership: Building the Attribute of Safety Into Our Brands”
Time: *9:30 am – 12:30 pm*

Ray Valek

President

Valek and Company Communications

Phone: 708 352 8695

ray@valekco.com

Ray Valek is the president of Valek and Company Communications (Valek and Co.). He has served as a communication and public relations consultant for Plumbing Manufacturers International (PMI) for the past three years. He has written extensively about safety culture, the topic of his PMI Conference presentation, from both public health and health care quality perspectives.

For PMI and other Valek and Co. clients, Mr. Valek devises communication plans and strategies and performs duties including writing, social media, media relations, creative direction, project management, and program measurement and evaluation. He has exceptional experience working with clients in the health and medicine, science and technology, and education industries. He is personally involved in each and every client engagement.

Under Mr. Valek’s direction, Valek and Co. has successfully completed assignments for nearly 60 organizations. Prior to starting the company, Mr. Valek was a vice president at Ogilvy Public Relations Worldwide. Prior to that, he was on the marketing and public relations staff of the University of Chicago Medical Center. His work there was recognized with six Gold Quill Awards from the International Association of Business Communicators.

Mr. Valek takes great pride in being a working writer, spending a healthy percentage of his time crafting words for clients. Excellent writing underpins all Valek and Co. services, which include editorial and feature writing, media relations, Web content and social media development, executive communication including speechwriting and scriptwriting, medical and scientific writing, advertising and collateral, e-communication, brand development, case studies, communication planning, and more.

Mr. Valek is an accredited business communicator (ABC), a proud member of the Max Achium ice hockey club, and a graduate of Southern Illinois University at Carbondale.

SPEAKER INFORMATION

Date: *Wednesday, November 15, 2017*
Event: *Keynote*
Time: *8:30 am – 9:30 am*

Bruce Vincent

Keynote Speaker

Environomics

Phone: 406 293 8821

echo@brucevincentspeaking.com

Bruce Vincent moved his family back to Libby, Montana after completing college in 1984 and joined Vincent Logging as business manager. Vincent Logging, a small family owned business, was started by Mr. Vincent's father in 1968, and he is a third-generation logger.

In 1988, he helped form Communities For A Great Northwest, a non-profit education and information group dedicated to the intelligent use of our natural resources. Mr. Vincent is currently serving as president of Communities For A Great Northwest; is a partner in the public relations firm ENVIRONOMICS, serves as executive director of Provider Pals® cultural exchange program, serves on the board of the Evergreen Foundation, the board of the Pacific Logging Congress, and serves on the Kootenai Forest Resource Advisory Committee, the Cabinet/Yaak Grizzly Bear Community Involvement Team, and the State of Montana's Thompson Chain of Lakes Citizen Management Council. He recently co-wrote a book named 'Against the Odds: A Path Forward for Rural America'. It is a powerful firsthand account of life in rural America that offers a broad, probing look at the environmental tensions surrounding the collapse of many of our rural resource communities.

Mr. Vincent speaks throughout the United States and the world to groups including resource, recreation, banking and business associations, legislative bodies, university campuses, and anyone else who would like to hear about our rural cultures.

Mr. Vincent often provides testimony on resource issues before Congress. He has been reported on by numerous magazines, newspapers and other periodicals. He has appeared on "60 Minutes" and participated in radio shows, documentary videos and news.

During Mr. Vincent's career he has been awarded the national Timber Industry Activist of the year, the Montana Timberman of the Year, the Sylvan Award, the Public Service Award from the Association of Consulting Foresters of America, the winner of the 2009 Women in Agriculture's "Keeper of the Tenth" award, received the Agri-Women's 2007 Veritas Award Winner, and has been inducted into the Libby High School Hall of Fame.

Mr. Vincent holds a Bachelor of Science in Civil Engineering and a Masters in Business Administration from Gonzaga University in Spokane, Washington. Mr. Vincent has been married to his wife Patti Jo for over 39 years and has four children. His current activities represent a family commitment to responsible environmentalism.

SPEAKER INFORMATION

Date: *Tuesday, November 14, 2017*
Event: *Water Efficiency and Sustainability Issue Committee Meeting*
“RENEW House and Net Zero Water”
Time: *10:20 am – 11:20 am*

Bill Wilson

Environmental Consultant
CleanBlu Corporation
Phone: 805 689 7639
billwilson@CleanBlue.com

Bill Wilson is an environmental consultant with over 35 years of experience working internationally in the field of comprehensive sustainable development, with emphasis in the areas of agriculture, building systems, water, energy, watershed planning, wastewater treatment and reuse, aquaculture, and marine systems. He is a graduate of the University of California, Santa Barbara, and Special Programs, Harvard University Graduate School of Design.

Mr. Wilson has worked extensively with the ecological approach to storm water and wastewater treatment and water recycling, and in 1991 was a participant in the First International Conference in Ecological Engineering held at Stensund, Sweden.

Mr. Wilson has designed and installed the first direct onsite wastewater-to-landscape reuse irrigation systems in Malibu, Los Angeles, Santa Barbara, San Diego and San Mateo, and developed numerous sustainable wastewater and storm water treatment options.

Mr. Wilson planned integrated water systems for some of the highest rated LEED projects in the Country, and was a founder of the LEED Technical Advisory Committee for the United States Green Building Council (USGBC). As a member of the Mississippi Renewal Commission appointed by the Governor of Mississippi, Mr. Wilson assisted in the development of the Master Plan for the recovery of 11 cities and the entire Gulf Coast following Hurricane Katrina, and his firm helped provide 40 potable water-producing membrane filtration modules to responder centers immediately following that disaster, and redesign the numerous flooded wastewater treatment facilities in Mississippi and Louisiana.

Mr. Wilson has been the subject of several radio and television interviews and documentaries, including features on pioneering research on the environmental impacts of plastics in our oceans and waterways, decentralized wastewater treatment, Low Impact Development stormwater implementation, and new methods for successfully and efficiently re-establishing damaged coral reefs.

SPEAKER INFORMATION

Date: *Wednesday, November 15, 2017*
Event: *Allied Committee Meeting*
“Global OEM Corporation Overview”
Time: *2:15 pm – 3:15 pm*

Richard Yang
Sales and Marketing Director
Phone: 630 416 1716
rcyang@globaltechmfg.com

Richard Yang is a first-time attendee of the PMI Conference and he represents Global OEM Corporation (Global OEM) where he has been working with the company since 2009. Serving as Global OEM’s Director of Marketing and Sales since 2012, Mr. Yang oversees the North American office located in the Chicago area. He generates new sales while maintaining existing business and collaborates with the manufacturing teams in both Taiwan and China.

Prior to becoming Global OEM’s Director of Marketing and Sales, Mr. Yang assumed the role of Chairman Assistant, where he focused on recording, summarizing, and delegating direction from the company’s owner. He shifted to his current role to maintain more consistent communication with their North American customers. Mr. Yang has represented Global OEM on several occasions in which the Taiwan trade office invited some of the island’s more prominent companies to represent their events. Such events in the past include being one of five Taiwan companies to speak at the Chicago Kitchen and Bath Industry Show presenting “Living a Better Life with Taiwan Products” and is one of twenty individuals to attend the Taiwan-Russia Cooperation Forum.

Mr. Yang is a University of Wisconsin-Madison alum, with both an undergraduate and a Master’s degree in industrial engineering with a minor in technical communications. He also has a Master’s of Business Administration from IE Business School in Madrid, Spain.



November 14, 2017
9:00 am PST

AGENDA | 1.0 KEYNOTE ADDRESS DOC HENDLEY

DATE: TUESDAY, NOVEMBER 14, 2017

TIME: 9:00 AM – 10:00 AM

PLACE: DOUBLETREE BY HILTON HOTEL, ROHNERT PARK, CA

ROOM: SALONS III AND IV

| Time | | | |
|----------|-----|---|----------|
| 9:00 AM | 1.1 | Call to Order and Opening Remarks/Antitrust Compliance Statement Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to this Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | Jahrling |
| | 1.2 | Introduction | Jahrling |
| 9:05 AM | 1.3 | Keynote Address Doc Hendley Doc Hendley, Wine to Water | Hendley |
| | 1.4 | Questions and Answers | Hendley |
| 10:00 AM | 1.5 | Summary and Close | Jahrling |



November 14, 2017
10:20 am PST

AGENDA | 2.0 WATER EFFICIENCY AND SUSTAINABILITY ISSUE COMMITTEE MEETING

DATE: TUESDAY, NOVEMBER 14, 2017 **TIME:** 10:20 AM - 11:20 AM
PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA **ROOM:** SALONS III AND IV
CO-CHAIRS: DANIEL GLEIBERMAN, SLOAN VALVE (2017 THROUGH 2018)
JEFF ZEMAN, KOHLER CO. (2017 THROUGH 2018)

PURPOSE/SCOPE: DEVELOP AND IMPLEMENT STRATEGY TO INFLUENCE PUBLIC POLICY, LEGISLATION, REGULATION, CERTIFICATION, LISTING, AND LABELING RELATED TO THE SUSTAINABILITY AND WATER EFFICIENCY OF PLUMBING PRODUCTS.

| Time | | | |
|----------|-----|--|----------------------|
| 10:20 AM | 2.1 | Antitrust Compliance Statement Reminder Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to this Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | Gleiberman/ Zeman |
| | 2.2 | Announcements | Gleiberman/ Zeman |
| | 2.3 | Approval of the October 25, 2016 Water Efficiency and Sustainability Minutes (See Attachment 2.2) | Gleiberman/ Zeman |
| 10:25 AM | 2.4 | RENEWW House and Net Zero Water Bill Wilson, environmental consultant, CleanBlu Corporation | Wilson |
| 11:15 AM | 2.5 | Questions and Answers | Wilson |
| 11:20 AM | 2.6 | Review of Purpose and Scope and Other Business | Gleiberman/ Zeman |



November 14, 2017
11:20 am PST

AGENDA | 3.0 RESEARCH UPDATE JOHN KOELLER AND MARY ANN DICKINSON

DATE: TUESDAY, NOVEMBER 14, 2017
PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA

TIME: 11:20 AM – 12:20 PM
ROOM: THE GRAND BALLROOM

| Time | | | |
|-----------------|------------|---|-------------------------------|
| 11:20 AM | 3.1 | Introduction | Jahrling |
| | 3.2 | PMI/AWE’s Saturation Study of Non- Efficient Water Closets in Key States John Koeller, principal, Maximum Performance (MaP) Testing and Koeller and Company Mary Ann Dickinson, president and CEO, Alliance for Water Efficiency (AWE) | Koeller/ Dickinson |
| | 3.3 | Questions and Answers | Koeller/ Dickinson |
| 12:20 PM | 3.4 | Summary and Close | Jahrling |

AGENDA | 4.0 COMMERCE COMMITTEE MEETING

DATE: TUESDAY, NOVEMBER 14, 2017 **TIME:** 1:30 PM – 2:30 PM
PLACE: DOUBLETREE BY HILTON HOTEL, ROHNERT PARK, CA **ROOM:** SALONS III AND IV
CO-CHAIRS: CAROL BARICOVICH, INSinkERATOR (2016 THROUGH 2018)
 ERIK THEISEN, T&S BRASS & BRONZE WORKS, INC. (2017 THROUGH 2018)

PURPOSE: TO DEVELOP AND MAINTAIN A CLOSE RELATIONSHIP WITH THE US DEPARTMENT OF COMMERCE THAT WILL ALLOW PMI'S VOICE TO BE HEARD ON ISSUES AFFECTING PMI'S MEMBER COMPANIES. POST MONTHLY REPORTS REGARDING ISSUES / POLICIES THAT AFFECT PMI MEMBERS. MAKE INFORMATION AND REPORTS GENERATED BY THE DEPARTMENT OF COMMERCE AVAILABLE TO MEMBERS THAT PMI MEMBERS COULD BENEFIT FROM. PROVIDE EDUCATION TO PMI MEMBERS ABOUT THE US DEPARTMENT OF COMMERCE AND THE SCOPE OF ITS OPERATIONS.

SCOPE: NEW LIST OF SCOPE OF ISSUES/VALUE POINTS FOR THE COMMITTEE TO ADDRESS: RULES OF ORIGIN; CONFLICT MINERALS; MADE IN AMERICA; SHIPMENT ISSUES; NON-TARIFF TRADE BARRIERS; OPENING MARKETS; US DEPARTMENT OF COMMERCE FAQs; WHEN AND WHO TO CONTACT; TRADE POLICY; TOP MARKET REPORT; HARMONIZATION OF WORLD STANDARDS AND ASIA-PACIFIC ECONOMIC COOPERATION (APEC); ANTIDUMPING; STATISTICS GENERATED BY THE US DEPARTMENT OF COMMERCE; ADMINISTRATION POLICIES.

| Time | | | |
|---------|-----|--|--------------------|
| 1:30 PM | 4.1 | Antitrust Compliance Statement Reminder Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to this Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | Theisen |
| | 4.2 | Announcements | Theisen |
| | 4.3 | Approval of the October 26, 2016 Minutes of the Fair Trade Issue Committee Meeting Minutes (See Attachment 4.3) | Theisen |
| 1:35 PM | 4.4 | Inside the Beltway: U.S. International Trade Policy and the Plumbing Industry Salim Bhabhrawala, senior international trade specialist, US Department of Commerce | Bhabhrawala |
| | 4.5 | Questions and Answers | Bhabhrawala |
| 2:00 PM | 4.6 | Deal or No Deal – Exit, Economic and Efficiency! Yvonne Orgill, chief executive, Bathroom Manufacturers Association (BMA) | Orgill |
| | 4.7 | Questions and Answers | Orgill |
| 2:25 PM | 4.8 | Review of Purpose and Scope and Other Business | Theisen |
| 2:30 PM | 4.9 | Summary and Close | Theisen |



November 14, 2017
2:30 pm PST

AGENDA | 5.0 RESEARCH UPDATE PAUL STURMAN

DATE: TUESDAY, NOVEMBER 14, 2017

TIME: 2:30 PM – 3:30 PM

PLACE: DOUBLETREE BY HILTON HOTEL, ROHNERT PARK CA

ROOM: SALONS III AND IV

Time

| | | | |
|---------|-----|---|-----------------|
| 2:30 PM | 5.1 | Introduction | Jahrling |
| | 5.2 | Biofilm Response to Fluid Shear in Water and Plumbing Systems Dr. Paul Sturman, research professor and industrial coordinator, Montana State University | Sturman |
| | 5.3 | Questions and Answers | Sturman |
| 3:30 PM | 5.4 | Summary and Close | Jahrling |



November 15, 2017
8:30 am PST

AGENDA | 1.0 BRUCE VINCENT

DATE: WEDNESDAY, NOVEMBER 15, 2017 **TIME:** 8:30 AM – 9:30 AM
PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA **ROOM:** SALONS III AND IV

Time

| | | | |
|----------------|------------|---|-----------------|
| 8:30 AM | 1.1 | Call to Order and Opening Remarks/Antitrust Compliance Statement Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to the PMI Antitrust Compliance Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | Jahrling |
| | 1.2 | Introduction | Jahrling |
| 8:35 AM | 1.3 | "With Vision, There is Hope" Bruce Vincent, logger and advocate for responsible environmentalism | Vincent |
| | 1.4 | Questions and Answers | Vincent |
| 9:30 AM | 1.5 | Summary and Close | Jahrling |

AGENDA | 2.0 (A) TECHNICAL COUNCIL TRACK

DATE: WEDNESDAY, NOVEMBER 15, 2017

TIME: 9:30 AM – 12:30 PM

PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA

ROOM: SALONS III AND IV

CO-CHAIRS: JOHN FINCH, MASCO (2017 THROUGH 2018)
C.J. LAGAN, LIXIL (2017 THROUGH 2018)

PURPOSE/SCOPE: TO PROACTIVELY IDENTIFY, MONITOR, INFLUENCE AND BE THE AUTHORITATIVE SOURCE FOR ALL INFORMATION ON ISSUES RELATED TO PLUMBING INDUSTRY PRODUCTS INCLUDING, BUT NOT LIMITED TO, POTABLE WATER SUPPLY SYSTEM COMPONENTS, FIXTURE FITTINGS, WASTE FIXTURE FITTINGS, FIXTURES, FLUSHING DEVICES, MATERIALS, SANITARY DRAINAGE SYSTEM COMPONENTS, AND PLUMBING APPLIANCES. PARTICIPATE AND SUPPORT THE DEVELOPMENT OF LAWS, REGULATIONS, CODES AND STANDARDS WITH REASONABLE PERFORMANCE, PRODUCT, INSTALLATION, AND SAFETY REQUIREMENTS THAT PROTECT THE HEALTH AND SAFETY OF THE USER. ENGAGE IN THE DEVELOPMENT PROCESS TO ENSURE REGULATORY AND/OR STANDARD LANGUAGE IS COMMENSURATE WITH THE INTENT(S) AND LIMITATION(S) OF LAWS, REGULATIONS, CODES AND STANDARDS. FOCUS DOMESTICALLY AND INTERNATIONALLY ON THE HARMONIZATION OF LAWS, REGULATIONS, CODES AND STANDARDS TO DRIVE A PRODUCT CONFORMITY ASSESSMENT GOAL FOR PLUMBING PRODUCTS OF "TEST ONCE, RECOGNITION WORLDWIDE."

| Time | | | |
|----------|-------|--|-------------|
| 9:30 AM | 2.1a | Antitrust Compliance Statement Reminder | Finch/Lagan |
| | | Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to this Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | |
| | 2.2a | Announcements | Finch/Lagan |
| | 2.3a | Approval of the October 26, 2016 Technical Council Meeting Minutes (See attachment 2.2) | Finch/Lagan |
| 9:35 AM | 2.4a | CALGreen and Where Water Conservation is Going in CA | Ferrari |
| | | Silvio Ferrari, senior engineer, Sacramento Advocates, Inc. | |
| | 2.5a | Questions and Answers | Ferrari |
| 10:05 AM | 2.6a | How Low Can We Go; How Close Can We Get? – The Intended and Unintended Consequences of Water Use Efficiency | Klein |
| | | Gary Klein, Gary Klein and Associates | Klein |
| | 2.7a | Questions and Answers | |
| 10:40 AM | 2.8a | BREAK | |
| 11:00 AM | 2.9a | CA Proposition 65: Regulation and Reality | Abdelnour |
| | | Samir J. Abdelnour, associate, Hanson Bridgett | |
| | 2.10a | Questions and Answers | Abdelnour |
| 11:40 AM | 2.11a | Canada Update – Alignment Through Collaboration | Suppa |
| | | Ralph Suppa, president and general manager, Canadian Institute of Plumbing and Heating (CIPH) | |
| | 2.12a | Questions and Answers | Suppa |



November 15, 2017
9:30 am PST

| | | | |
|-----------------|--------------|--|--------------------|
| 12:00 PM | 2.13a | San Francisco's Non-potable Water Program | Chang |
| | | Taylor Chang, water resources analyst, San Francisco Public Utilities Commission | |
| | 2.14a | Questions and Answers | Chang |
| 12:25 PM | 2.15a | Review of Purpose and Scope and Other Business | Finch/Lagan |
| 12:30 PM | 2.16a | Summary and Close | Finch/Lagan |

AGENDA | 2.0 (B) OUTREACH/COMMUNICATIONS TRACK

DATE: WEDNESDAY, NOVEMBER 15, 2017

TIME: 9:30 AM – 12:30 PM

PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA

ROOM: SANTA ROSE & SONOMA

CO-CHAIRS: MARY AHLBRAND, DELTA FAUCET COMPANY (2016 THROUGH 2018)
AMY SCHERER, SPEAKMAN COMPANY (2017 THROUGH 2018)

PURPOSE: TO PROMOTE THE MISSION OF PMI, TO ENHANCE ITS VALUE AND CREDIBILITY, TO ATTRACT NEW MEMBERS, TO EXPAND MEMBERS SERVICES, AND TO ADDRESS MEMBER CONCERNS, SHOULD THEY ARISE, IN HARMONY WITH THE PMI COMMUNICATIONS AND ADVOCACIES STRATEGIES.

SCOPE: ONGOING OUTREACH TO 1) OUTSIDE GROUPS, INCLUDING: POLICYMAKERS, WATER UTILITIES, AND OTHERS PER THE PMI STRATEGY MAP; 2) NON-MEMBERS WHO SHOULD BE PMI MEMBERS; 3) CURRENT ACTIVE AND NON-ACTIVE PMI MEMBERS; AND 4) MEMBERS OF THE PRESS

| Time | | | |
|----------|-------|--|----------------------|
| 9:30 AM | 2.1b | Antitrust Compliance Statement Reminder | Ahlbrand/ Scherer |
| | | Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to this Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | |
| | 2.2b | Announcements | Ahlbrand/ Scherer |
| 9:35 AM | 2.3b | Safety Culture and Thought Leadership | Valek |
| | | Ray Valek, president, Valek and Company Communications | |
| 10:00 AM | 2.4b | Marketing WaterSense - Bathrooms and Beyond | Blette |
| | | Veronica Blette, chief, WaterSense Branch, EPA Office of Wastewater Management | |
| | 2.5b | Questions and Answers | Valek/Blette |
| 10:40 AM | 2.6b | BREAK | |
| 11:00 AM | 2.7b | Choose Your Own Adventure – Task Force Working Sessions: | Ahlbrand/ Scherer |
| | | Engaging the Youth to Grow the Industry Expanding & Diversifying PMI Relationships | |
| 11:55 AM | 2.8b | Task Force Breakout Report Outs & Action Plans | Ahlbrand/ Scherer |
| 12:15 PM | 2.9b | Review of Purpose and Scope and Other Business | Ahlbrand/ Scherer |
| 12:30 PM | 2.10b | Summary and Close | Ahlbrand/ Scherer |



November 15, 2017
2:00 pm PST

AGENDA | 3.0 REPORT FROM DUAL TRACK SESSIONS

DATE: WEDNESDAY, NOVEMBER 15, 2017 **TIME:** 2:00 PM – 2:15 PM
PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA **ROOM:** SALONS III AND IV
CHAIR/CO-CHAIRS:
JOHN FINCH, MASCO (2017 THROUGH 2018)
C.J. LAGAN, LIXIL (2017 THROUGH 2018)
MARY AHLBRAND, DELTA FAUCET COMPANY (2016-2018)
AMY SCHERER, SPEAKMAN COMPANY (2017 THROUGH 2018)

| Time | | |
|---------|--|----------------------|
| 2:00 PM | 3.1 Antitrust Compliance Statement Reminder | Jahrling |
| | Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to this Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | |
| 2:05 PM | 3.2 Review of Technical Track Session | Finch/Lagan |
| 2:10 PM | 3.3 Review of Outreach/Communications Track Session | Ahlbrand/ Scherer |
| 2:15 PM | 3.4 Summary and Close | Jahrling |

AGENDA | 4.0 ALLIED MEMBER COMMITTEE MEETING

DATE: WEDNESDAY, NOVEMBER 15, 2017
PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA
CHAIR: TERRY BURGER, NSF INTERNATIONAL (2017)

TIME: 2:15 PM – 3:15 PM
ROOM: SALONS III AND IV

PURPOSE/SCOPE: TO STREAMLINE THE ALLIED MEMBER INPUT TO THE PMI MEMBERSHIP/PMI BOARD FOR A MORE EFFECTIVE INVOLVEMENT OF SUCH MEMBER INPUT TOWARD THE PMI OBJECTIVES.

| Time | | | |
|---------|------|--|------------------|
| 2:15 PM | 4.1 | Antitrust Compliance Statement Reminder | Burger |
| | | Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to this Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | |
| | 4.2 | Announcements | Burger |
| | | 2018 Committee Chair | |
| 2:20 PM | 4.3 | Introduction | Burger |
| | 4.4 | CSA Group Business Overview | Lumpkin |
| | | Todd Lumpkin, global business director, Appliances & Gas, Plumbing & Construction | |
| 2:28 PM | 4.5 | IAPMO Group – 90 Years of Industry Dedication | Mercer |
| | | Lee Mercer, executive vice president of industry relations and business, International Association of Plumbing and Mechanical Officials (IAPMO) | |
| 2:36 PM | 4.6 | Building Product Evaluation and Certification | Moinian |
| | | Shahin Moinian, P.E., president, International Code Council – Evaluation Services | |
| 2:44 PM | 4.7 | Overview of NSF International | Purkiss |
| | | Dave Purkiss, general manager, Water Distribution Systems, NSF International | |
| 2:52 PM | 4.8 | An Introduction to KEROX | Thielmann |
| | | Colin Thielmann, sales manager, KEROX | |
| 3:00 PM | 4.9 | Questions and Answers | ALL |
| 3:10 PM | 4.10 | Review of Purpose and Scope and Other Business | Burger |
| 3:15 PM | 4.11 | Summary and Close | Burger |

AGENDA | 5.0 GENERAL MEMBERSHIP MEETING

DATE: WEDNESDAY, NOVEMBER 15, 2017

TIME: 3:35 PM – 5:00 PM

PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA

ROOM: SALONS III AND IV

Time

| | | |
|----------------|---|---|
| 3:35 PM | <p>5.1 Call to Order and Opening Remarks/Antitrust Compliance Statement</p> <p>Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to the PMI Antitrust Compliance Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here.</p> | Jahrling |
| | <p>5.2 Announcements</p> <ul style="list-style-type: none"> • Welcome to New Members, First Time Attendees, Guests, International Speakers and Recognitions • International Greetings <ul style="list-style-type: none"> ○ Bathroom Manufacturers Association (BMA) ○ Canadian Institute of Plumbing and Heating (CIPH) | Jahrling |
| | <p>5.3 Approval of the October 26, 2016 General Membership Meeting Minutes (See Attachment 5.3)</p> | Kogler |
| 3:45 PM | <p>5.4 Financial</p> <p>5.4.1 Treasurer’s Report</p> <p>5.4.2 Review and approval of PMI’s 2018 Dues Structure</p> <p>5.4.3 Review of PMI’s 2018 Operating Budget</p> | Kogler |
| | <p>5.5 Approval of Bylaws Revision</p> | Kogler |
| 3:55 PM | <p>5.6 President’s Report</p> <p>5.6.1 2017 Review</p> <p>5.6.2 Committee Liaisons</p> | Jahrling |
| 4:20 PM | <p>5.7 Election of PMI Officers and Directors at Large</p> <p>5.8 CEO/Executive Directors Report</p> <p>5.9 Other Business</p> | <p>Patton</p> <p>Stackpole</p> <p>Jahrling</p> |
| 5:00 PM | <p>5.10 Summary and Adjournment</p> | Jahrling |



November 16, 2017
9:00 am PST

AGENDA | 1.0 CEC UPDATE COMMISSIONER ANDREW McALLISTER

DATE: THURSDAY, NOVEMBER 16, 2017
PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA

TIME: 9:00 AM – 10:00 AM
ROOM: SALONS III AND IV

| Time | | | |
|----------|-----|---|------------|
| 9:00 AM | 1.1 | Call to Order and Opening Remarks/Antitrust Compliance Statement Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to the PMI Antitrust Compliance Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here . | Jahrling |
| 9:05 AM | 1.2 | Introduction | Jahrling |
| | 1.3 | California Energy Commission (CEC) Update Commissioner Andrew McAllister, California Energy Commission (CEC) | McAllister |
| | 1.4 | Questions and Answers | McAllister |
| 10:00 AM | 1.5 | Summary and Close | Jahrling |

AGENDA | 2.0 ADVOCACY/GOVERNMENT AFFAIRS COMMITTEE MEETING

DATE: THURSDAY, NOVEMBER 16, 2017 **TIME:** 10:00 AM – 11:30 AM
PLACE: DOUBLE TREE BY HILTON HOTEL, ROHNERT PARK, CA **ROOM:** SALONS III AND IV
CO-CHAIRS: JAY BURNETT, DELTA FAUCET COMPANY (2016 THROUGH 2017)
MARTIN KNIEPS, VIEGA LLC (2017 THROUGH 2018)

CONSULTANTS: JERRY DESMOND, DESMOND AND DESMOND
STEPHANIE SALMON, POTOMAC GOVERNMENT RELATIONS, LLC

PURPOSE/SCOPE: TO SUPPORT AND INFORM ACTIVITIES OF PLUMBING MANUFACTURERS INTERNATIONAL WITH FEDERAL, STATE AND LOCAL GOVERNMENT AGENCIES, LEGISLATORS, OR REGULATORS, AND TO IMPLEMENT ACTION WITH THOSE GROUPS AS APPROPRIATE TO MEET PMI'S PUBLIC POLICY NEEDS. THIS INTENT INCLUDES PROACTIVELY BUILDING COALITION AND READINESS FOR SUCH MATTERS AMONG PMI MEMBERS.

| Time | | | |
|----------|-----|---|---|
| 10:00 AM | 2.1 | <p>Antitrust Compliance Statement Reminder</p> <p>Meeting attendees are reminded of the PMI Antitrust Compliance Policy. Adherence to this Policy is mandatory. Review of the PMI Antitrust Compliance Policy can be found online here.</p> <p>2.2 Announcements</p> <p>2018-2019 Committee Co-Chair</p> <p>2.3 Approval of the October 27, 2016 Minutes of the Advocacy/Government Affairs Committee Meeting (See Attachment 2.3)</p> | <p>Burnett/ Knieps</p> <p>Burnett/ Knieps</p> <p>Burnett/ Knieps</p> |
| 10:05 AM | 2.4 | <p>Federal Legislative Issues Update – Washington Update: Key Issues Impacting Plumbing Manufacturers</p> <p>Stephanie Salmon, PMI government affairs consultant (Washington D.C.), Potomac Government Relations LLC</p> | <p>Salmon</p> |
| 10:35 AM | 2.5 | <p>California Legislative Issues Update – PMI California Update</p> <p>Jerry Desmond, PMI government affairs consultant (California), Desmond & Desmond LLC</p> | <p>Desmond</p> |
| 11:05 AM | 2.6 | <p>Hosting successful meetings and plant tours with lawmakers and regulators</p> | <p>Salmon/ Desmond</p> |
| 11:25 AM | 2.7 | <p>Review of Purpose and Scope and Other Business</p> | <p>Burnett/ Knieps</p> |
| 11:30 AM | 2.8 | <p>Summary and Adjournment</p> | <p>Burnett/ Knieps</p> |